SOUTHEASTERN AREA

Forest Pest Status Report

August 1974

# SOUTHERN PINE BEETLE

## Outbreak-Related Volumes Harvested

| STATE | August | | Fiscal Year 1975 Totals | |
|---|---|---|---|---|
| | State | Federal | State | Federal |
| ALABAMA | 1,410 MBF<br>1,895 MCF | 191 MBF<br>18 MCF | 2,187 MBF<br>2,514 MCF | 238 MBF<br>38 MCF |
| ARKANSAS | 116 MBF<br>50 MCF | ---<br>--- | 302 MBF<br>73 MCF | ---<br>--- |
| GEORGIA | 8,874 MBF<br>71 MCF | 237 MBF<br>9 MCF | 9,364 MBF<br>493 MCF | 306 MBF<br>17 MCF |
| LOUISIANA | 321 MBF<br>7 MCF | 947 MBF<br>47 MCF | 354 MBF<br>8 MCF | 1,014 MBF<br>57 MCF |
| MISSISSIPPI | 53 MBF<br>27 MCF | 333 MBF<br>0 MCF | 54 MBF<br>28 MCF | 574 MBF<br>0 MCF |
| NORTH CAROLINA | 1/ MBF<br>1/ MCF | 82 MBF<br>28 MCF | 2/ MBF<br>2/ MCF | 90 MBF<br>31 MCF |
| SOUTH CAROLINA | 2,807 MBF<br>1,526 MCF | 483 MBF<br>50 MCF | 2,888 MBF<br>2,446 MCF | 635 MBF<br>112 MCF |
| TENNESSEE | 0 MBF<br>0 MCF | 189 MBF<br>29 MCF | 0 MBF<br>21 MCF | 189 MBF<br>29 MCF |
| TEXAS | 1,774 MBF<br>50 MCF | 2,245 MBF<br>101 MCF | 4,365 MBF<br>125 MCF | 5,080 MBF<br>259 MCF |
| VIRGINIA | 573 MBF<br>296 MCF | 0 MBF<br>0 MCF | 1,073 MBF<br>575 MCF | 0 MBF<br>0 MCF |
| TOTAL | 15,928 MBF<br>3,922 MCF | 4,707 MBF<br>282 MCF | 20,587 MBF<br>6,283 MCF | 8,126 MBF<br>543 MCF |

Cordwood conversion: Cord equals 75 cubic feet.

1/ Data for August not available

2/ No data available for this fiscal year.

## SOUTHERN PINE BEETLE

Late summer and fall surveys in North Carolina showed that the number of southern pine beetle spots had doubled in areas surveyed. In District 7 the North Carolina Forest Service found 3,000 spots.

Aerial surveys are currently underway by the Georgia Forestry Commission. The SPB situation seems to be static at a high level in north Georgia and decreasing in Chatham county as a result of the vigorous suppression program in that county.

The Virginia Division of Forestry reported an increase in the southern pine beetle population in all counties, especially along the southern edge of the epidemic area.

## SEED ORCHARD INSECTS

Seed bugs are the prime causal suspect in the near total destruction of the Virginia pine seed crop on the Beech Creek Seed Orchard. Cones sliced just before harvest indicated an average $2.65 \pm 1.44$ full seed per cut face. The story was much the same in the Cherokee shortleaf pine geographic source where the average number of full seed per cone was estimated at $2.7 \pm 2.1$ per cut face. The North Carolina shortleaf showed a slightly higher number of full seed per cut face($3.2 \pm 2.1$).

An examination of cones on 31 ramets in the Piedmont loblolly geographic source on the Francis Marion Seed Orchard revealed that about 26.63 percent of the second year cones had been attacked by Dioryctria sp.

Representatives from the Alexandria Forest Pest Management Group recently returned from Brunswick, Georgia; where they completed testing Furadan for coneworm control on slash pine. This test is part of the Southern Seed Orchard Pest Committee's effort to get efficacy data for registering pesticides for seed orchard insect control.

## DISEASES

The Alexandria Forest Pest Management Field Office recently began a disease impact survey of cottonwood and sycamore plantations. This work is being done in cooperation with the States of Arkansas, Louisiana, Mississippi and with the Southern Forest Experiment Station.

Oak wilt surveys made in June and July 1974, covering 15.6 million acres in Arkansas, Oklahoma, and Texas revealed oak wilt in one new county in Arkansas (Poinsett). No new spots were found in Oklahoma or Texas.

More detailed information can be obtained by writing to the U.S. Forest Service, Forest Pest Management Group Field Offices, or the Atlanta Office listed below:

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